

# EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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PUBLICATION NUMBER : 08029693  
 PUBLICATION DATE : 02-02-96

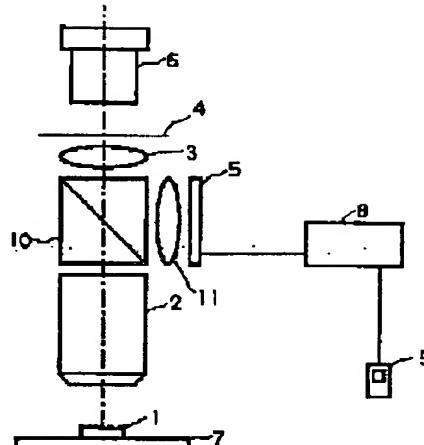
APPLICATION DATE : 13-07-94  
 APPLICATION NUMBER : 06161397

APPLICANT : NIKON CORP;

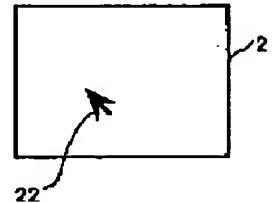
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INT.CL. : G02B 21/18 G01B 9/04

TITLE : MICROSCOPE DEVICE



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**ABSTRACT :** PURPOSE: To improve the operability of sample observation by providing a display device which has a display screen where a predetermined mark is displayed and an optical member which images the mark at the image formation position of a sample by an observation optical system.

**CONSTITUTION:** An image of the observed sample 1 mounted on a stage 7 is formed at the image formation position 4 through an objective, a beam splitter 10, and an image forming lens 3 which are as wide as a housing 2. The display mark 22 to be displayed on a liquid crystal display device 5(21) is imaged at the image formation position 4 by the optical system which has a projection lens 11, the beam splitter 10 and a coupling lens 3. Through an ocular 6, the image of the observed sample 1 and the image of the display mark 22 on the liquid crystal display device 5 are observed in the same visual field. A control circuit 8 inputs a signal given by a mouse 9 and moves and displays the display mark 22 displayed on the liquid crystal display device 5.

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